Confidential / Proprietary Information

October 16, 2006

CAROLINE DOLL
CAL STATE UNIVERSITY CHANNEL
ISLANDS
ONE UNIVERSITY DRIVE
CAMARILLO, CA 93012-8599

HYDRAULIC TEST RESULTS, Plant: OLD WELL
Location: 3101 CENTRAL AVE HP: 40
Cust. #: Serv. Acct. #:
Meter: Pump Ref #: 11674

In accordance with your request, a test was made on your turbine well pump on October 16, 2006. If you have any questions regarding the results which follow, please contact STEVE VILLEGAS at (805)654-7121.

EQUIPMENT

Pump Mfg.: WORTH No.: VTP11028
Motor Mfg.: US No.: 3657257-2

RESULTS	Test 1	Test 2	Test 3
Discharge Pressure, PSI	**6.2**	**25.6**	**46.2**
Standing Water Level, Feet	**17.8**	**17.8**	**17.8**
Drawdown, Feet	**64.7**	**56.1**	**46.4**
Discharge Head, Feet	**14.3**	**59.1**	**106.7**
Pumping Water Level, Feet	**82.5**	**73.9**	**64.2**
Total Head, Feet	**96.8**	**133.0**	**170.9**
Capacity, GPM	**1,000.0**	**856.0**	**678.0**
GPM per Foot Drawdown	**15.5**	**15.3**	**14.6**
Acre Feet Pumped in 24 Hours	**4.420**	**3.784**	**2.997**
kW Input to Motor	**37.1**	**36.6**	**35.1**
HP Input to Motor	**49.8**	**49.1**	**47.1**
Motor Load (%)	**110.7**	**109.2**	**104.7**
kWh per Acre Foot:	**201**	**232**	**281**
Overall Plant Efficiency (%)	**49.1**	**58.6**	**62.2**
Customer Meter, GPM	**1,111.0**		

The above test results indicate various operating conditions of this pump.

DAN L. JOHNSON
Manager
Hydraulic Services

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CAMARILLO, CA 93012-8599

PUMPING COST ANALYSIS, Plant: OLD WELL
Location: 3101 CENTRAL AVE HP: 40
Cust. #: Serv. Acct. #:
Meter: Pump Ref #: 11674

The following analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during Edison pump test number 2 performed on October 16, 2006, billing history for the past 12 months, and your current rate of PA-1.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall Plant Efficiency can be improved from 58.6% to 65.0%.
2. This can save you up to 2,926 kWh and $ 422.45 annually.

	Plant Efficiency		
	Existing	Improved	Savings
Total kWh	**29,604**	**26,678**	**2,926**
kW Input	**36.6**	**33.0**	**3.6**
kWh per Acre Foot	**232**	**209**	**23**
Acre Feet per Year	**127.5**		
Average Cost per kWh	**$0.14**		
Average Cost per Acre Foot	**$33.53**	**$30.21**	**$3.31**
Overall Plant Efficiency (%)	**58.6**	**65.0**	
Total Annual Cost	**$4,274.52**	**$3,852.07**	**$422.45**

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact STEVE VILLEGAS at (805)654-7121.

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HYDRAULIC TEST RESULTS, Plant: NEW WELL
Location: 3101 CENTRAL AVE HP: 200
Cust. #: Serv. Acct. #:
Meter: Pump Ref #: 32091

In accordance with your request, a test was made on your turbine well pump on October 16, 2006. If you have any questions regarding the results which follow, please contact STEVE VILLEGAS at (805)654-7121.

EQUIPMENT

Pump Mfg.: N/A No.: NO PLATE
Motor Mfg.: GE No.: 40024783

RESULTS	Test 1	Test 2	Test 3
Discharge Pressure, PSI	**4.6**	**31.8**	**58.6**
Standing Water Level, Feet	**106.6**	**106.6**	**106.6**
Drawdown, Feet	**203.7**	**187.8**	**170.4**
Discharge Head, Feet	**10.6**	**73.5**	**135.4**
Pumping Water Level, Feet	**310.3**	**294.4**	**277.0**
Total Head, Feet	**320.9**	**367.9**	**412.4**
Capacity, GPM	**1,508.0**	**1,382.0**	**1,257.0**
GPM per Foot Drawdown	**7.4**	**7.4**	**7.4**
Acre Feet Pumped in 24 Hours	**6.665**	**6.108**	**5.556**
kW Input to Motor	**136.7**	**138.2**	**137.6**
HP Input to Motor	**183.3**	**185.3**	**184.5**
Motor Load (%)	**87.1**	**88.0**	**87.6**
Measured Speed of Pump, RPM	**1,788**		
kWh per Acre Foot:	**492**	**543**	**594**
Overall Plant Efficiency (%)	**66.7**	**69.3**	**70.9**
Customer Meter, GPM	**1,448.0**		

The above test results indicate various operating conditions of this pump.

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PUMPING COST ANALYSIS, Plant: NEW WELL
Location: 3101 CENTRAL AVE HP: 200
Cust. #: Serv. Acct. #:
Meter: Pump Ref #: 32091

The following analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during Edison pump test number 3 performed on October 16, 2006, billing history for the past 12 months, and your current rate of PA-1.

	Existing
Total kWh	**259,680**
kW Input	**137.6**
kWh per Acre Foot	**594**
Acre Feet per Year	**436.8**
Average Cost per kWh	**$0.14**
Average Cost per Acre Foot	**$85.84**
Overall Plant Efficiency (%)	**70.9**
Total Annual Cost	**$37,495.20**

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact STEVE VILLEGAS at (805)654-7121.

DAN L. JOHNSON
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